| index of Claims   |          |           |          |          |              |          |  |               |          |          |  | _        | <u> </u> |              |              | 2            | $\overline{C}$ | ) <u> </u> | <u> </u> | 1_           |                |      |             |            |                 |              |           |         |           |               |                 |                 |        |
|-------------------|----------|-----------|----------|----------|--------------|----------|--|---------------|----------|----------|--|----------|----------|--------------|--------------|--------------|----------------|------------|----------|--------------|----------------|------|-------------|------------|-----------------|--------------|-----------|---------|-----------|---------------|-----------------|-----------------|--------|
|                   |          |           |          |          |              |          |  |               |          |          |  |          |          |              | Examiner     |              |                |            |          |              |                |      |             |            | A               | πL           | Init      |         |           |               |                 |                 |        |
|                   | 1        |           |          |          |              |          |  | [.            | -        | (        | (Through numer<br>Cancelled                      |          |          |              |              | 1)           | ]              | N          | 1 1      | Noi          | n-Electe       |      | ted         |            | A               |              | Appeal    |         |           |               |                 | <u> </u>        |        |
|                   | =        | 4         | Allo     | w        | ed           |          |  | ŀ             | ١        |          | R  | esti     | ict      | ed           |              |              |                | 1          | 1        | nte          | erfe           | e re | псе         |            | 0               |              | Ob        | jec     | tec       | 1             |                 |                 |        |
| Claim             | Γ        |           |          |          | Da           | le       |  |               |          |          | С  | laim     | I        |              | _            |              | Da             | le         |          |              |                | ]    | Ca          | laim       | T               |              |           | Da      | ile       | _             |                 |                 | ו      |
| Final<br>Origina! | 8/12/03  |           |          |          | İ            |          |  |               |          | İ        | Final  | Orlainai |          |              |              |              |                |            |          |              |                |      | Final       | Original   |                 |              |           |         |           |               | T               |                 | 1      |
|                   |          |           | L        | L        |              |          |  |               | 1        |          | -  |          |          |              |              |              |                |            |          | L            |                |      | ίĨ          | Ö          |                 |              |           |         |           |               |                 | İ               |        |
| 1                 | ┞        | -         | ┢        | ├        | ╀            | +        | +-   | +             | +-       | $\dashv$ | -  | 51       |          | +            | -            | +            | -              | $\vdash$   | 1        | Γ            | $oxed{\Gamma}$ | ]    |             | 101        |                 | $\dashv$     | $\perp$   | 1       | 1         |               |                 |                 | 1      |
| 3                 |          |           |          | L        |              |          | 1  |               |          | ]        |  | 53       | Т        | 1            | 1            | $\pm$        | 1-             | $\dagger$  | +        | +            | +              | 1    |             | 102<br>103 | -               | $\dashv$     | +         | +       | +         | ╁             | +-              | ╁               | -      |
| 5                 |          |           | _        | -        | ╁            | +        | 4  | 4             | 1        | 4        |  | 54       | T        | Ţ            | I            | I            |                | L          |          |              |                | 1    |             | 104        |                 | I            |           | 工       | 1         |               |                 |                 | 1      |
| 6                 |          | <u> </u>  | -        | $\vdash$ | +            | +        | +  | ╁             | +        | $\dashv$ | $\vdash$   | 55<br>56 | +        | +            | +            | ╁            | +              | ╁          | ╁        | -            | +-             | }    | <u> </u>    | 105<br>106 |                 | -+           | +         | +       | -         | +             | $\perp$         | -               | }      |
| 7                 |          |           |          |          |              | I        |  |               | I        | 1        |  | 57       | T        | İ            | I            |              |                |            | L        | -            | $\vdash$       | 1    |             | 107        | -               | $\dashv$     | +         | +-      | +-        | ╁             | ╁               | +-              | 1      |
| 8 9               | ⊢        |           | ├        | -        | ╀            | +        | 4-   | 4-            | 4-       | 4        | _  | 58       |          | $\perp$      | 1            | Ţ            | Г              |            |          |              |                |      |             | 108        |                 |              | $\perp$   |         |           |               |                 |                 | j      |
| 10                | Н        | H         | -        | ╁        | +            | ╁        | +-   | +             | ╁        | $\dashv$ | -  | 59<br>60 |          | ╀            | ╀            | ┼-           | ╁              | -          | ╀        | <del> </del> | -              | {    | <u> </u>    | 109<br>110 | $\vdash \vdash$ | $\downarrow$ | -         | 4       | 4-        | +             | -               | ļ               | }      |
| 11                |          |           |          |          |              | Ĺ        | Ĺ  | Ĭ             | Ĺ        | Ï        | L  | 61       | r        | Ė            | i            | $\dagger$    | $\dagger$      | $\vdash$   | $\vdash$ | -            | +              | ł    |             | 111        | Н               | ╁            | +         | ╬       | ╁         | ╁             | ┼               | $\vdash$        | 1      |
| 12                | -        | _         |          | L        | ╀            | 1        | 4.   | _             | 1        | ]        |  | 62       |          | I            | I            | L            |                |            |          |              |                |      |             | 112        |                 | $\perp$      |           |         |           | 十             | 1               |                 | 1      |
| 13                | Н        | -         |          | ⊢        | ╁            | ╁        | ╁  | ╁             | ╁        | ┨        | -  | 63<br>64 |          | ╁            | ╀            | ╀            | ╂─             | -          | -        | -            | -              |      |             | 113        |                 | _            | -         | #       | Ļ         | F             | I               |                 |        |
| 15                | -        |           |          |          | L            |          | t  | 1             | 1        | 1        |  | 65       |          | ╁            | ╁            | †-           | ╁              | -          | +        | -            | ┝              |      |             | 114<br>115 | $\vdash$        | +            | +         | +       | ╁         | ╀             | ┼               | -               | ļ      |
| 16                |          | $\Box$    |          |          | L            | L        | Ţ  | Ţ             | I        | ]        |  | 66       | T        | I            |              |              |                |            |          |              |                |      |             | 116        |                 | $\perp$      |           | +       | $\dagger$ | 十             | +               | $\vdash$        |        |
| 17                | H        | -         | $\dashv$ | -        | ┢            | ╀        | ╁  | ╁             | ╀        | ┨        | -  | 67<br>68 | ╀        | ╀            | ╀            | -            | L              | _          |          |              | L              |      |             | 117        | П               | $\perp$      | $\perp$   | $\perp$ | I         |               |                 |                 |        |
| 19                |          | ᅥ         | $\neg$   | _        | $\vdash$     | $\vdash$ | 十  | +-            | +        | 1        | <del>                                     </del> | 69       | ╁        | ╁            | +-           | ╁            | ├              |            |          |              | -              |      |             | 118<br>119 | $\dashv$        | +            | +         | +-      | ╀         | +-            | +-              | Н               |        |
| 20                | $\Box$   |           | $\Box$   |          |              |          |  | 1             | Ι        | 1        |  | 70       | İ        |              |              |              |                |            |          |              | -              |      |             | 120        | $\dashv$        | +            | 十         | ╁       | +         | +-            | H               | $\vdash$        |        |
| 21<br>22          |          | -         | 4        | _        | L            | ├        | ┼-   | ┼             | ╀        | -        | <u> </u>   | 71       | _        | L            | L            | L            |                | П          |          |              |                |      |             | 121        |                 | $\perp$      |           |         |           |               |                 |                 |        |
| 23                |          | -         | $\dashv$ | _        | -            | ┝        | ╁  | ┯             | ╀        | 1        | ⊢  | 72<br>73 | ╀        | ╀            | ├            | -            |                | Н          |          | _            |                |      |             | 122        | 4               | - -          | 4         | 4_      | _         | ↓_            |                 |                 |        |
| 24                |          |           | ╛        |          |              |          | Ţ  | $\perp$       |          | 1        |  | 74       | ✝        | ┢            | 1            | ╫            | -              | H          | Н        | -            |                |      | -           | 124        | $\dashv$        | +            | +         | ╀       | ╀         | ┼             | ╁╌┤             | $\vdash$        | I<br>İ |
| 25<br>26          |          | 4         |          |          | _            | L        | L  | L             | L        | ]        |  | 75       | 1        |              |              |              |                |            |          |              |                |      |             | 125        |                 |              |           | 上       |           |               | $\Box$          |                 | ı      |
| 27                | $\dashv$ | +         | +        | -        | -            | ⊢        | ╀  | ╁┈            | ╀        | ┨        | <b> </b>   | 76<br>77 | ╀        | -            | ┝            | <del> </del> | H              | -          | $\dashv$ | -            | Щ              |      | <del></del> | 126        |                 | 1            | 1         | L       | _         | $\vdash$      |                 | $\Box$          |        |
| 28                | コ        |           |          |          |              |          |  |               |          | 1        |  | 78       | Ħ        | $\vdash$     |              | H            | -              | $\vdash$   | H        |              | $\vdash$       | 1    | $\dashv$    | 127<br>128 | -+              | +            | +         | +-      | +         | $\vdash$      | $\vdash$        | $\vdash \vdash$ | ı      |
| 28                | $\dashv$ | 4         | 4        | _        |              | L        | F  |               |          |          |  | 79       |          |              |              |              |                |            |          | $\Box$       |                |      |             | 129        | $\Box$          | 土            | I         | İ       |           |               |                 |                 |        |
| 30                | $\dashv$ | +         | -        | -        | <del> </del> | ├        | +-   | ╁             | ╁        | 1        |  | 80<br>81 | -        | ├            | <del> </del> | -            | $\vdash$       | -          | -4       | _            |                | -    |             | 130        |                 | 1            | +         | Ļ       | L         | L             | П               | Д               |        |
| 32                | ゴ        |           | コ        |          |              |          | L  | L             |          | 1        |  | 82       | $\vdash$ |              | $\vdash$     |              | H              | $\dashv$   |          | $\dashv$     | $\dashv$       | }    |             | 131<br>132 | +               | +            | +         | +       | +         | +             | $\vdash$        | $\dashv$        |        |
| 33                | 4        | J         | 4        | $\Box$   |              | _        |  |               |          |          |  | 83       |          |              |              |              |                |            |          |              |                |      |             | 133        | 上               |              | 土         | İ       |           |               |                 | $\vdash$        |        |
| 34<br>35          | +        | $\dashv$  | $\dashv$ | $\dashv$ | Н            | -        | ├-   | $\vdash$      | $\vdash$ |          |  | 84<br>85 | $\vdash$ | <del> </del> | -            | -            | Н              | -          | 4        |              | $\dashv$       | -    |             | 134        | $\perp$         | $\bot$       | T         | F       |           |               | П               | $\Box$          |        |
| 36                | ╛        | 士         | 士        |          |              |          |  | 一             |          |          |  | 86       | -        | ┢            |              |              | Н              | +          | $\dashv$ | $\dashv$     | $\dashv$       | ŀ    |             | 136        | $\dashv$        | +            | +         | ╁       | ╀         | -             |                 | _               |        |
| 37                | $\dashv$ | 7         | $\dashv$ | $\Box$   |              |          | L  |               |          |          |  | 87       |          |              |              |              |                |            |          | コ            |                | t    |             | 137        | 士               | $\perp$      | 士         |         |           |               |                 |                 |        |
| 38<br>39          | +        | +         | +        | $\dashv$ | $\dashv$     | _        | -  | $\vdash$      | H        |          |  | 88<br>89 | <u> </u> | $\vdash$     | $\vdash$     | <u> </u>     | Ц              | 4          | 4        | 4            | _              | Ĺ    | [           | 138        | $\perp$         | $\bot$       | Ţ         | L       | $\Box$    | П             | П               | $\Box$          |        |
| 40                | $\pm$    | +         | _        | +        | $\dashv$     | _        | <del>                                     </del> | $\vdash$      | -        |          | $\dashv$   | 90       | -        | Н            | Н            | Н            | $\vdash$       | $\dashv$   |          | -+           | 닉              | }    |             | 139<br>140 | +               | +-           | +         | +       | $\vdash$  | Н             | $\vdash \vdash$ |                 | -      |
| 41                | Ţ        | I         | I        | $\Box$   |              |          |  |               |          |          |  | 91       |          |              |              |              |                |            |          | ╛            |                | t    |             | 141        | _               | $\top$       | $\dagger$ | 1       | 1         | Н             | H               | $\dashv$        |        |
| 42                | $\dashv$ | +         | +        |          | _            |          | -  | <del> </del>  | $\vdash$ |          |  | 92       |          |              | Ц            |              | $\Box$         | 4          | $\Box$   | J            | コ              |      |             | 142        | $\perp$         | $\perp$      | I         |         |           |               |                 |                 |        |
| 44                | +        | +         | $\dashv$ | $\dashv$ | $\dashv$     |          | ╁  | -             | H        |          |  | 93<br>94 | Ι-,      | $\dashv$     | $\vdash$     | $\vdash$     | -              | +          | +        | $\dashv$     | {              | -    |             | 143        |                 | +            | +         | ╀-      | -         | $\vdash \mid$ | $\vdash$        |                 |        |
| 45                |          |           | 士        |          |              |          |  |               |          |          |  | 95       |          |              |              |              | $\dashv$       | +          | $\dashv$ | $\dashv$     | $\dashv$       |      | -           | 145        | +               | ╁            | ╁         | +-      | -         | Н             | $\dashv$        | $\dashv$        |        |
| 46                | 4        | +         | -        | $\dashv$ | $\dashv$     | -        | Ë  | _             | П        | Į        | $\Box$   | 96       |          |              | $\Box$       |              | $\Box$         | 1          |          | $\Box$       | ゴ              |      | T           | 146        | 工               | 1            |           |         |           |               |                 | $\exists$       |        |
| 48                | +        | +         | +        | -        | $\dashv$     | 긕        | -  |               | dash     | ŀ        |  | 97<br>98 | Н        | -            |              |              | 4              | +          | 4        | 4            | $\dashv$       | -    |             | 147<br>148 | $\perp$         | +            | $\perp$   | _       |           | Щ             | Ц               | 긕               |        |
| 49                | +        | $\dagger$ | +        | 7        | $\dashv$     | -        | Н  | $\vdash$      | $\dashv$ | ł        |  | 99       | $\dashv$ | -            | -            | $\dashv$     | $\dashv$       | $\dashv$   | +        | +            | $\dashv$       | H    | $\dashv$    | 149        |                 | +            | +         | ┼       | -         | $\vdash$      | $\vdash \vdash$ | $\dashv$        |        |
| 50                | 7        |           |          | -+       | _            | $\dashv$ | _  | $\overline{}$ | $\dashv$ | ł        |  | 400      | -        |              |              |              | -              | -+         | -+       | -+           |                | ⊢    |             | . 70       | _+              |              | +         | ٠       | L         | 1_1           |                 |                 |        |

| Applicant(s)